

Process Technology Transfer at Internet Speed

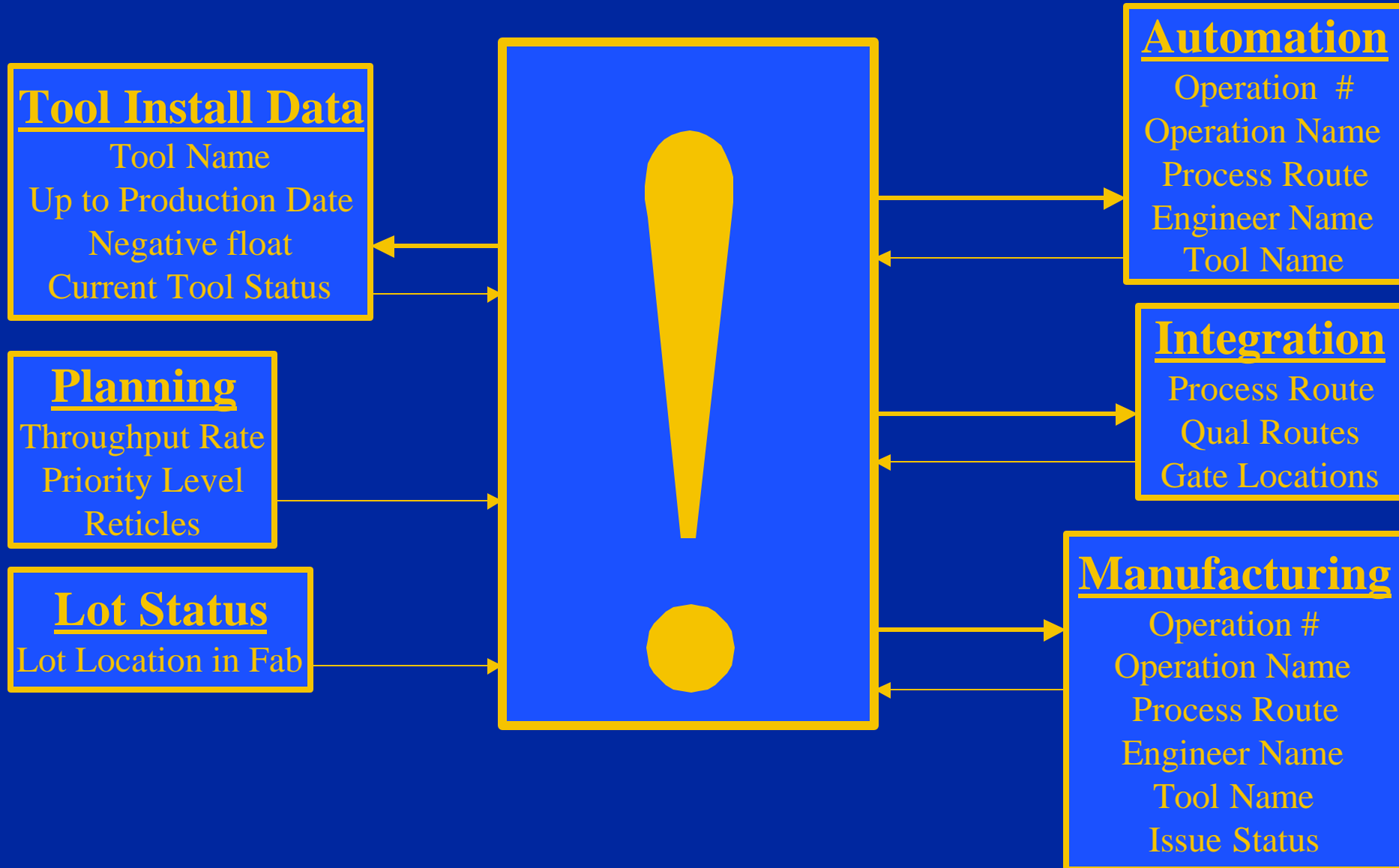
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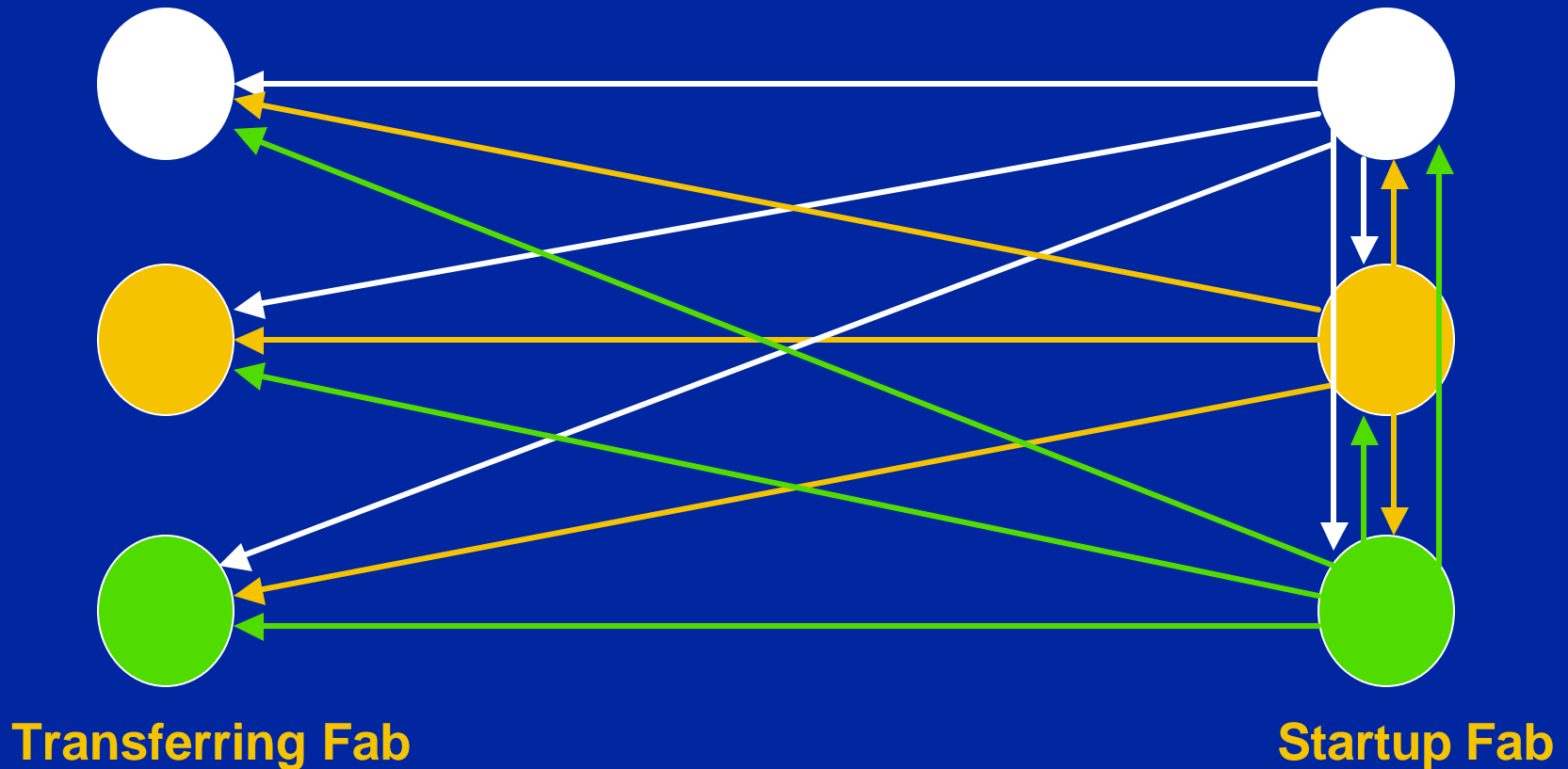
Purpose

- **This presentation describes the Route and Tool Readiness system**
 - **A new startup BKM developed at Intel**
 - **Links existing systems driving them to accuracy**
 - **Uses less people, quicker decisions**
 - **Eliminates duplicate work/rework**
 - **Allows quick response to market changes**

Technology Transfer Data

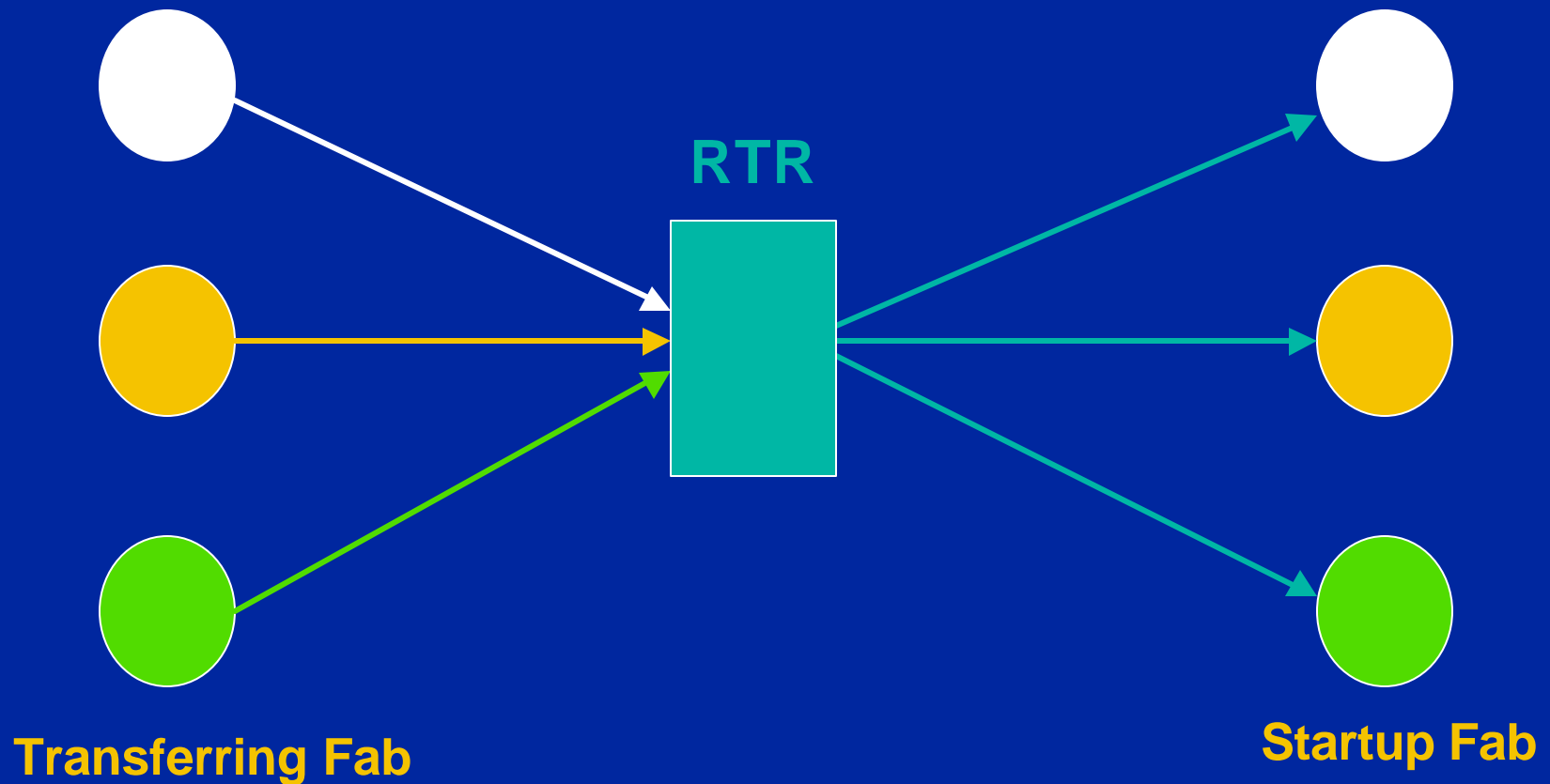


Old Way



Confusing and Slow

New Way



Clear and Fast

What is the New Way?

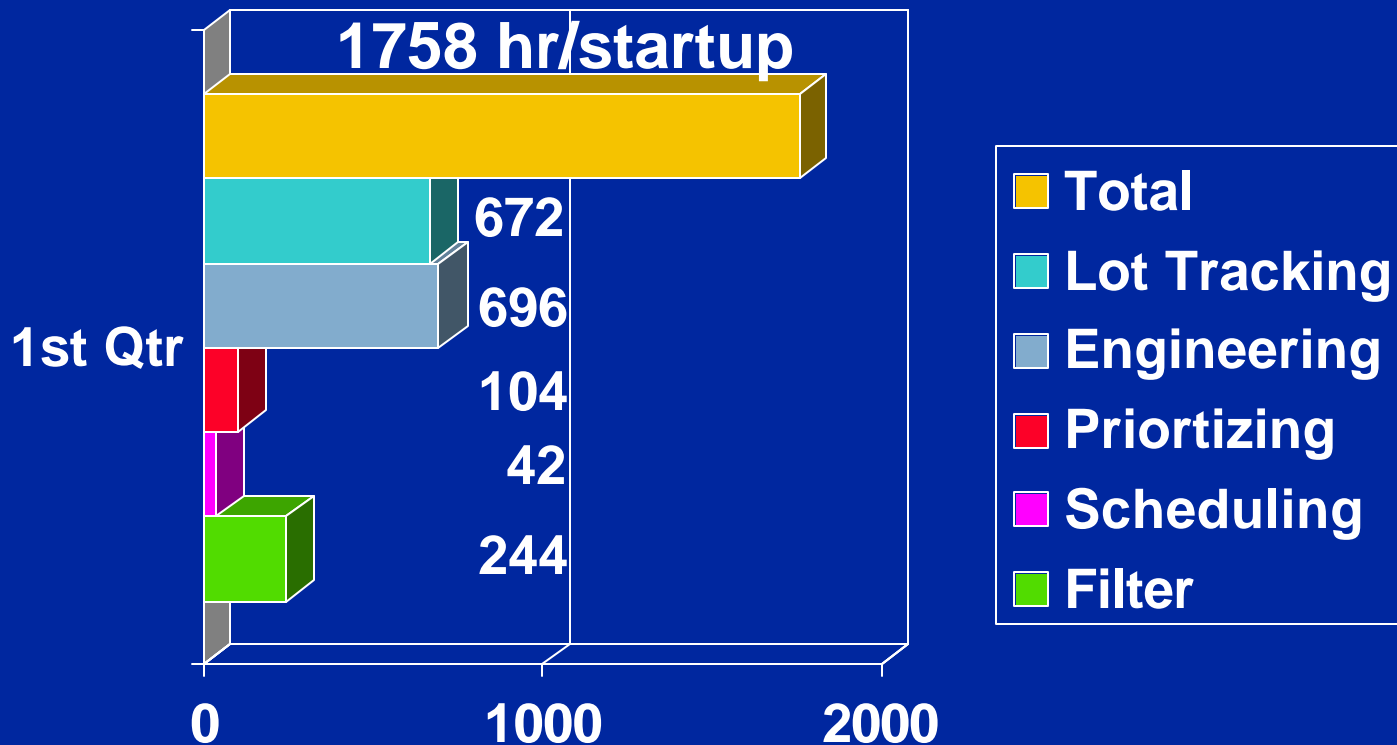
- **Route and Tool Readiness System**
 - One team to collect & verify startup data
 - Single source of startup data for all teams
 - Within current startup Fab
 - Within subsequent startup Fabs
 - Automated data verification instead of manual
 - Available on the intranet

Features

- Filters route and tool names
- Analyzes schedule highlighting issues, opportunities
- Performs scenario planning
- Prioritizes issues and tools
- Automates tool setup upload into Fab
- Links engineering with manufacturing
- Tracks lots with respect to qualification gates

Hours Saved per Startup*

*does not include hours saved by NOT having to check disconnects, IQ +2wks, WTL AR's<100



Benefits

- **The Route and Tool Readiness system**
 - Automates data verification (1700 hr/startup)
 - Provides a single data source for all teams
 - Eliminates duplicate work/rework
 - Links existing systems and drives them to accuracy
 - Uses less people, and allows quicker decisions
 - Allows quick response to market changes

Conclusions

- **The Route and Tool Readiness System;**
 - Minimizes time spent on data verification
 - Ensures an accurate transfer of technology data
 - Provides links between teams
 - Is accessible via the intranet